WHAT IS CLAIMED IS:

1	1. A method for forming leads, comprising:
2	forming a liftoff mask having a desired width;
3	forming leads contiguous to and on opposite sides of the liftoff mask;
4	removing the liftoff mask, the removal of the liftoff mask leaving fencing on the
5	leads;
6	forming a layer of carbon over the leads; and
7	performing chemical mechanical polishing on the leads at the fencing to
8	preferentially remove the fencing.
1	2. The method of claim 1 wherein the desired width of the liftoff mask is a
2	trackwidth for a magnetoresistive sensor.
1	3. The method of claim 1 wherein the forming a liftoff mask having a desired
2	width further comprises forming a single layer liftoff mask.
1	4. The method of claim 1, further comprising removing any remaining
2	carbon using an oxygen plasma.
1	5. The method of claim 1 wherein the forming leads on opposite sides of the
2	liftoff mask further comprises depositing leads using a sputtering process.

1	6. A method for forming a magnetic read sensor, comprising:
2	forming a magnetoresistive sensor element; and
3	forming leads to the magnetoresistive sensor element, the forming the leads to the
4	magnetoresistive sensor element further comprising:
5	forming a liftoff mask having a desired width over the magnetoresistive
6	sensor element;
7	forming leads contiguous to and on opposite sides of the liftoff mask and
8	in contact with the magnetoresistive sensor element;
9	removing the liftoff mask, the removal of the liftoff mask leaving fencing
10	on the leads;
11	forming a layer of carbon over the leads; and
12	performing chemical mechanical polishing on the leads at the fencing to
13	preferentially remove the fencing.
1	7. The method of claim 6 wherein the desired width of the liftoff mask is a
2	trackwidth for the magnetoresistive read sensor.
1	8. The method of claim 6 wherein the forming a liftoff mask having a desired
2	width further comprises forming a single layer liftoff mask.
1	9. The method of claim 6, further comprising removing any remaining
2	carbon using an oxygen plasma.

- 1 10. The method of claim 6 wherein the forming leads on opposite sides of the liftoff mask further comprises depositing leads using a sputtering process.
- 1 11. The method of claim 6 wherein the forming the magnetoresistive sensor element further comprises forming an anisotropic magnetoresistive (AMR) sensor element.
- 1 12. The method of claim 6 wherein the forming the magnetoresistive sensor element further comprises forming a giant magnetoresistive (GMR) sensor element.

1	13. A magnetic read sensor, comprising:
2	a magnetoresistive sensor element; and
3	leads, coupled to the magnetoresistive sensor element, the leads to the
4	magnetoresistive sensor element created by forming a liftoff mask having a desired width
5	over the magnetoresistive sensor element, forming leads contiguous to and on opposite
6	sides of the liftoff mask and in contact with the magnetoresistive sensor element,
7	removing the liftoff mask, the removal of the liftoff mask leaving fencing on the leads,
8	forming a layer of carbon over the leads and performing chemical mechanical polishing

on the leads at the fencing to preferentially remove the fencing.

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